



## Product Information

### CDK inhibitor LY2606368, Purity $\geq 98\%$

**Cat. No.:** X24-05-ZQ707

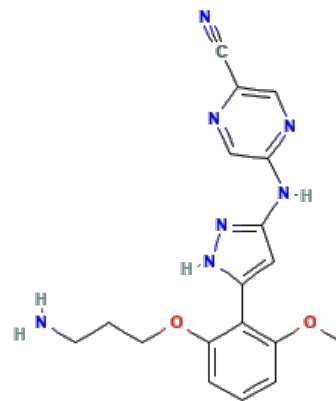
**Size:** 5 mg; 10 mg; 25 mg

**CAS Number:** 1234015-52-1

**Compound CID:** 46700756

**Synonym:** 1234015-52-1; LY-2606368; LY 2606368; CDK inhibitor

**This product is for research use only and is not intended for diagnostic use.**



#### Product Information

|                          |   |
|--------------------------|---|
| <b>Description</b>       | LY2606368 is an CDK kinase inhibitor that disrupts cell division processes. It targets Chk1, Chk1, and Chk2.  |
| <b>Molecular Weight</b>  | 365.38916   |
| <b>Molecular Formula</b> | C <sub>18</sub> H <sub>19</sub> N <sub>7</sub> O <sub>2</sub>   |
| <b>Targets</b>           | Chk1: 0.9 nM (Ki); Chk1: <1 nM; Chk2: 8 nM  |
| <b>IUPAC Name</b>        | 5-[[5-[2-(3-Aminopropoxy)-6-methoxyphenyl]-1H-pyrazol-3-yl]amino]pyrazine-2-carbonitrile  |
| <b>InChI</b>             | InChI=1S/C18H19N7O2/c1-26-14-4-2-5-15(27-7-3-6-19)18(14)13-8-16(25-24-13)23-17-11-21-12(9-20)10-22-17/h2,4-5,8,10-11H,3,6-7,19H2,1H3,(H2,22,23,24,25) |
| <b>InChI Key</b>         | DOTGPNHGTJDEP-UHFFFAOYSA-N  |
| <b>Canonical SMILES</b>  | <chem>COC1=CC(=CC(=C1)OCCCN)C2=CC(=NN2)NC3=NC=C(N=C3)C#N</chem>   |
| <b>Form</b>              | Lyophilized powder  |
| <b>Purity</b>            | $\geq 98\%$   |
| <b>Identity</b>          | Confirmed by NMR/HPLC/MS.   |
| <b>Stability</b>         | The product is stable for three years when stored at the recommended temperature in lyophilized powder.   |
| <b>Applications</b>      | LY2606368 can be used to explore its dual inhibition of CHK1 and CHK2, and its implications for cancer treatment.                                     |
| <b>Storage</b>           | Store at -20°C.   |